

Product name:

Product code:

PEG-40 Hydrogenated Castor Oil
S0004

General identification data	
Parameter	Value
Botanical source	Ricinus communis L.
Product color	Beige
HS code	34021300
Country of origin	Spain
Grade	Pharmaceutical Grade, Cosmetic Grade
Processing method	Ethoxylation, Hydrogenation
Origin of product	Vegetable
Storage conditions	Store at room temperature, Store in the original container, Keep container tightly closed

Formulation parameters	
Parameter	Value
Free from	allergenic food ingredients, allergenic fragrance substances, alcohol, EDTA, formaldehyde and formaldehyde donors, phthalates, preservatives, parabens, silicones, sulfates, palm oil-derived ingredients
Formulation phase	Water phase
Function in formulation	Solubilizer, O/W Emulsifier
HLB value	13,9
Compatibility	Nonionic surfactants, Anionic surfactants, Cationic surfactants, Amphoteric surfactants
Application area	Face, Body, Hair, Scalp, Hands, Eye Area
Recommended processing temperature (°C)	< 50
Recommended dosage range (%)	0,5 – 5 %
Recommended formulation pH range	6,0 – 7,0

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Formulation parameters

Parameter	Value
Application	Decorative cosmetics, Diffusers and aromatherapy, Soaps, Skin care, Shower and bath products
Solubility	Water-soluble, Alcohol-soluble
Application type	Rinse-off, Leave-on
Suitable for	All skin types

Regulation and Safety

Parameter	Value
Allergens	The product does not contain food allergens., The product does not contain any of the fragrance allergens listed in Annex III of Regulation (EC) No. 1223/2009, as amended, including Commission Regulation (EU) 2023/1545., The product does not contain known skin allergens.
BSE/TSE	The product does not contain materials of animal origin and, due to the absence of animal-derived materials and the production process, contamination or cross-contamination with BSE/TSE can be excluded.
CITES	The product is not derived from endangered species listed in the CITES Appendices and therefore does not require CITES certification.
Product CMR classification	The product is not classified as carcinogenic, mutagenic, or toxic to reproduction (CMR) according to Regulation (EC) No. 1272/2008.
Ethylene oxide	Ethylene oxide is used in the production process of this product.
GMO	The product has not been produced using genetically modified organisms (GMOs) as raw materials or GMO-derived processing aids and does not contain residues from GMO sources according to Regulations (EC) No. 1829/2003 and 1830/2003.
CLP classification	This substance is not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP), and therefore a Safety Data Sheet (SDS) is not required for it under Article 31 of Regulation (EC) No 1907/2006 (REACH).
Microplastics (EU 2023/2055)	This product does not contain intentionally added synthetic polymer microparticles pursuant to Commission Regulation (EU) 2023/2055.
Nanomaterials	Nanomaterials are not used in, added to, or generated during the manufacturing of this product in accordance with Regulation (EC) No.

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Regulation and Safety	
Parameter	Value
	1223/2009.
CMR ingredient content	The product does not contain any ingredients classified as carcinogenic, mutagenic, or toxic to reproduction (CMR).
VOC content	Volatile organic compounds (VOC) are not expected to be present in the product.
Treatment with ionising radiation	The product has not been treated with ionising radiation at any stage before, during, or after the production process.
Parabens	The product is free from parabens.
Proposition 65	None of the components of this product are listed on the California Proposition 65 list.
REACH status	The product is compliant with Regulation (EC) No. 1907/2006 (REACH).
SVHC	The product is neither listed as a Substance of Very High Concern (SVHC) nor does it contain any material listed as an SVHC according to Article 59 of Regulation (EC) No. 1907/2006 (REACH).
Heavy metals	Relevant heavy metals are not expected to be present in the product above applicable limits.
Animal testing	The product has not been tested on animals for cosmetic purposes by or on behalf of the company.

The information contained in this document is provided in good faith and to the best of our current knowledge. It is supplied without warranty and does not constitute a guarantee of the product’s suitability for any specific purpose.

The customer remains solely responsible for verifying the suitability, safety, and compliance of the product for the intended use and final application. Where necessary, appropriate testing should be carried out prior to use. All information is considered accurate at the time of issue; however, product details may be subject to change. Customers are therefore encouraged to keep their technical documentation up to date.

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